Candy apple

The Newsletter of the South Jersey Apple Users Group

MAY 1989

THIS MONTH'S MEETING ON
MAY 16TH....will be a report
on the Zip Chip

Inside:

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The Candy Apple is published for the members of the South Jersey Apple User's Group (SJAUG) and other computer clubs on an exchange basis. SJAUG is a non-profit organization devoted to the exchange of public domain information, ideas and the common interests of Apple Computer® users and is in no way affiliated with Apple Computers or any other commercial organization.   The views expressed herein are the sole res- ponsibility of each author and do not necessarily represent the views of SJAUG. Newsworthy material, classified advertisements, and any other Candy Apple related material should be mailed to the editor: Carol   De Cuzzi, 112 Kipling Rd., Cherry Hill, NJ 08003.

Membership renewals and all other correspondence to the club should be addressed to:

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P.O. Box 4273
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President	Gus Banks	267-3809
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Secretary	Peter DeCuzzi	428-0621
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SPECIAL INTEREST GROUPS

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TELEPHONE TUTORS

APPLEWORKS
  Bev Darkatash (daytime M-F)   365-5821
PROGRAMMING
  Ethel Graham   662-0879
  Ryan MacMichael (BASIC 4-8 pm) 654-9346
TECHNICAL HELP
  Ed Gaugler   424-5547
Anyone willing to volunteer help in their particular area of expertise, please contact the editor.

Club Notes

I started to write about the problems the club is still facing again but I think everyone knows what they are and that they have not been resolved. Instead I would like to write about a very positive action that the club helped with. A few months ago I received a request to pro- vide a used computer to the Cooper Hospital's childern's department. After advertizing for one in the CandyApple, Ethel Graham provided an Apple II+. Mark Wannop checked it out and made sure that every- thing was in working order. He also researched our disk lib- rary for public domain disks that the club could provide. At the last meeting it was my great honor to present this system, on behalf of the club, to Judy Strassman. Judy, who works with the children at the hospital, discussed how the computer would be used and how much she felt that this gift would mean to the children that are in the hospital for long periods. I would like to say a very special "THANK YOU" to Ethel and Mark for time and effort. I don't want anyone to think this is the end, because I'm hoping that this is just a begining of some long term support we can provide to the hospital. So I'm asking again if you have a computer system or orginal software with documentation you're not using and don't want, please get in touch with me. The Children's ward is a good place for them.

Bev Darkatsh gave us a very interesting program on AppleWorks. She is also inter- ested in helping to form an AppleWorks SIG. If you're in- terested please contact her.

This month's program will be about the Zip Chip. This chip, which works in most of the Classic Apples, greatly incre- ases the memory operations. To find out all about it come and listen to Steve Opfermann.

Notes continued

In closing I would like to leave you with the reminder that thunder storms are now appearing in the area on a regular basis. I would strong- ly suggest if you're not using your computer---unplug it. Nearby lighting strikes may fry it, even if it is off. This has happened to a number of club members over the years, so take warning.

See you at the meeting.

Gus Banks

CALENDAR

MAY
    20   PACS at LaSalle College
    19   Main meeting SJAUG   7:30
    24   IIGS SIG
    25   Classic Apple and beginner
Mac SIGs

June
    2   Candy Apple deadline
    9   Executive Board meeting
    16   Main meeting SJAUG   7:30
    17   PACS at LaSalle College
    21   IIGS SIG
    22   Beginner Mac and Classic
Apple SIGS

Meetings begin at 7:30pm unless otherwise announced. SIG meeting locations and other information are available by calling the numbers listed in the SIG box on page 2. Map to the Main Meeting, at the Cherry Hill Municipal Building, is on the back cover.

MEMBERSHIP CARDS

Any paid up members who have not received their membership cards should see Carol or Pete De Cuzzi at the regular meeting.

WHAT IS OUT THERE AND HOW CAN I GET IT?
Ethel Graham

What do IIgs people want? More pictures and sound files, fonts and desk accessories, thats what they want. I've been exploring the public domain software that goes beyond our present 20 disk library and found more songs than anyone could ever use, more pictures than thought possible and even a few games.

Mean 18 gets meaner. I found at least four disks of new Mean 18 scenes. How can you play without Bugaboo, Calcutta, Autumn, Beach 1, 2 or 3, and Burrfoot?

For font fanatics there are new fonts, but it takes time to discern which ones are new. There are the games Solitaire, Wheel of Fortune, Dazzler.GS. There is a utility disk with a file called Launchbox, among others.

Cheappaint is just what it says, a no-frills paint program that's fun to use. There is a Paint816 demo with good pictures.

If you read Mike Wogan's description of ECF8, I found a disk that has that and ECF16, complete with tutorials.

The IIgs sig has 21 disks ready now, and these new disks are being prepared. They can be purchased at any meeting.

"PRINT SHOP" DISK-OF-THE-MONTH
Mark Wannop

The Print Shop support Disk-Of-the-Month is another disk of graphics; 82 pictures for Print Shop are on this disk. Included are an excellent bulldog, Mickey Mouse in his "Sorcerer's Apprentice" outfit, Gizmo, Corn, Atom Bomb (!), and a wide range of others.

Candy apple

The AppleWorks disk for May is SuperPatch, version 3.1.

This is a new version of Super-Patch, released in January of this year. It works with versions 2.0 or 2.1 of AppleWorks (but not earlier versions), corrects a couple of bugs in earlier versions of Super-Patch, and contains 30 patches. The program automatically recognizes which version of AppleWorks is to be patched, so there is no need for two versions. When the program is run, it "analyzes" your version of AppleWorks and reports on any patches already in place. You install each patch by selecting your choice with letter from one of five menus. Except for the cursor blink rate and desktop sizing, each menu selection is a toggle. That is, if the patch is already installed, selecting it again will uninstall it. Before installing any patch, the program will first analyze the area to be changed for "factory fresh" code. If it doesn't find it, the patch will not be made. This is handy, for example, if your program has already got some other patches installed. It will patch AppleWorks which has PinPoint or Beagle Brothers macro programs already installed. The patches are as follows:

No spacebar on bootup (if run from 800K or larger drive).
No Return needed after date (or reads clock automatically, if you have one).
Overstrike instead of Insert cursor in WP on boot-up.
Allows entry of ^@ into printer codes (v. 2.0).
Change insert cursor to flashing solid apple.
Eliminate NDA loading bug (v. 2.0).
Eliminate expansion card pre-loading (if run from ROM or RAM disk).
Change error tone to beep.
Change cursor blink rate.

Continuous display of desktop space (in place of "OA-?" in lower right corner).
Checkmark instead of arrow when menu item selected.
Checkmark instead of arrow when file selected.
No return after number to select menu item (operation of cursor bar is unchanged).
Limit desktop size on slinky-type RAM card (leaves room for other files).
Print up to 255 copies in WP, DB, or SS.
Four printer patches.
Allow up to 116 files in a sub-directory.
Change carriage return character in WP to bent-arrow.
Retain cursor position when WP file is loaded (caution – this one may cause problems).
Prevent extra carriage return when printing ASCII files.
Eliminate extra space in TXT files.
Double underline column titles in DB reports.
Change column overflow character in SS to # or vertical bar.
Blank cells instead of "NA" in SS.
Change "carefully" to "careless-ly" (my favorite patch).
Don't mark file "changed" if it was merely printed.
Print half-height sub/super-script (Imagewriter only).

The single-sided disk comes with the program itself and a 35K word-processor documentation file. John Link, who put the program together, suggests that you read the documentation before running the program, since a lot of the text, prompting the user, has been removed from this version.

Book: Programmer's Introduction to
the Apple IIgs
Publisher: Addison-Wesley
Date of Review: April 16, 1989
Reviewer: Ethel Graham

This book is one of a series
written for Apple IIgs users. Some
of the other books in this series
are Technical Introduction to the
IIgs; Apple IIgs Hardware
Reference; Apple IIgs Firmware
Reference; Apple IIgs Toolbox
References I and II; and ProDOS 16
Reference. The Programmers
Introduction provides concepts and
guidelines for programming on the
IIgs. It provides programmers an
introdution to the desktop
interface, including calls to the
Toolbox, programming with windows,
menus, and the mouse. It includes
a sample event-driven program.

The book follows the standard
approach to this machine. It first
describes the hardware design and
features, e.g., digital sound, the
65816 processor, expansion slots,
and QuickDraw. Other chapters
cover the desktop environment, the
Toolbox system, the Control Panel
and memory management. One chapter
discusses the shell environment and
what type of program to write.
Another chapter describes how to
convert Mac programs to the IIgs.
There is the ubiquitous Hodge-Podge
program given in three different
formats, ASM, C and Pascal. This
is a useful feature, since sections
of code can be directly compared.

The book will be of interest
to those users who are involved in
programming and who already own an
assembler for this purpose. Those
who own Apple Programmer's Workshop
(APW) will find this format very
clear. Those who have Merlin or
Orca will have to work around it.
The lessons are clearly written and
contain the details that are
absolutely necessary to perform the
task of programming in the 65816

world. The text is meticulously
prepared and the illustrations are
a model of careful work. There is
none of the cutesy style that
marked the early period of the
Apple II.

I felt that the heavy use of
Pascal was unwarranted, however,
even though Pascal is easy to
understand. Most people use APW
source files or some form of Merlin
and would probably appreciate a
more generous use of files in APW
format. The book is, nevertheless,
a valuable addition to the library
of serious Apple IIgs programmers
and anyone who really wants to know
more about 65816 programming.

Library Notes

The Programmer's Introduction to
the Apple IIgs, which is a guide to
programming in assembly, Pascal, or
C on the 65816, has been added to
the book library. The book is
reviewed by Ethel Graham elsewhere
in this month's Candy Apple.

There will be no book library at
the JUNE meeting. If you have
books checked out from the library,
please return them at the May meet-
ing. If you check out books at the
May meeting, please plan on return-
ing them in July.

Thanks to Mark Wannop for donat-
ions to the Club book library. We
have a limited budget to spend on
books, and donations are always
welcome.

"REGULAR" DISK-OF-THE-MONTH ECM8
Mark Wannop

The "regular" Disk-Of-the-Month for May will be the Extended Command Processor 8 (ECM8) for ProDOS 8. This is the shareware version of the program; upon remitting a $25 registration fee to the programmer, a fuller version of the program will be sent to the user, along with over 50 pages of in-depth documentation, including a user's guide for the non-programmer as well as a tech reference for the assembly or C programmer who would like to extend this package further on his or her own.

The shareware version of ECM8 is much more than a simple demo; the functions included here can be very useful to the ProDOS user, since it extends the range of available commands to include several that are similar to some found in MS-DOS. For example, there is a TYPE command that will send a text file to the designated output device; the device may be the screen, or whatever device is resident in slot one of your computer (usually the location for the printer interface card). This is toggled by using the <CTRL-P> and <OUTPUT> commands. The new commands support use of BATCH files, with commands like ECHO and NOECHO. If your 80 column card has softswitch capability (IIe and IIc circuitry does, as does the Franklin/PCPI card and some Videx cards), the commands COL40 and COL80 will toggle it on and off. The command BOOT will boot whatever disk is in a specified slot (slot 6, drive one is default). Also, a more user-friendly QUIT is available.

And, as they say, that ain't all, folks...

The short documentation file on the disk will get you started, but to really use the program (until you register and get the full manuals, that is) you will have to look at the files available with the HELP option. When you boot the disk, you will be given some introductory info and a list of new commands. To find out about these commands, type HELP (command) or ? (command); if the command is supported by the shareware version (most are) a short description will come on the screen. Typing HELP or ? with no command after it will give the list of commands. Take the time to look around, as you'll find that some interesting things are possible!

The doc file will tell you to add BASIC.SYSTEM to the CMDS subdirectory and rename it BASIC; I've already done this on copies to be released to club members. To run a BASIC program, just type its name; likewise, to run system, binary, or batch programs - or an external command - just type the name and press <ENTER>.

ECP8 runs on any 64K or 128K Apple II series machine or compatible that supports ProDOS 8. The author indicates that he is working on an ECP16 program for the IIgs.

Expiration of Membership

Please note the date to the right of your name on the mailing lable. This is the date of expiration of your current membership. You may renew your membership by mail or at the main meeting. When you are due to renew, we enclose a renewal application in your copy of the Candy Apple. Your new membership card can be picked up at the next regular meeting, or will be included in the next Candy Apple, if possible. Thank you.

In Tongues

USING UNBOOTABLE ProDOS DISKS

As promised, this month we'll discuss how to use disks that must run under ProDOS and that do not have an operating system on the disk.

But first, a short review. Apple has always protected ProDOS, its current operating system, for the Apple II series of computers. Unlike its attitude toward DOS 3.3, Apple has never looked the other way when anyone tried an unauthorized use of that operating system. And recently, it has begun making noises about enforcing its dictum even for disks distributed by Apple clubs. So our board has directed that all disks in our library, usable under ProDOS, shall be sold without an operating system.

So how does one use such a disk? Very easily, if you own a copy of ProDOS; but not at all otherwise. Yes, you must have your own copy of ProDOS. And you must have a machine with a full 64K of memory.

Now ProDOS, unlike DOS 3.3, requires pathnames. That is, the name of the program to be run must be preceded by the name of directory and subdirectory chains that lead to that program. So, to execute a program on an unbootable disk, you must be able to determine the pathname. For a system containing only one disk drive, proceed as follows:

Boot your ProDOS system, and type '-filer'. This brings in the Filer utility. Select 'Volume Operations'. Now select the 'List Volumes' option. But before hitting the Return key, swap your ProDOS disk for the new disk that contains programs that must run under ProDOS, but does not contain an Operating System.

The Filer program will examine your disk and tell you the name of the top level directory on that disk. For discussion purposes, let's say that the directory's name is /APPLE.

Now hit the escape key to get back to the original menu, and select 'File Commands'. From the next menu select 'Catalog', and when asked for the pathname, type in /APPLE, the name you obtained from the last step.

You will now have displayed on your screen a list of the files on that disk. Make a list of them somewhere, so that you can select the ones you want to run. Let's say for example that you find two files you want to run, named Alpha and Beta.

Now replace the ProDOS disk in the disk drive, hit ESC to get back to the main menu, and select 'QUIT'. You will be asked for the pathname of a program to execute, but will be given a default option of 'BASIC.SYSTEM'. Take the default by hitting the Return key. You should now have your familiar ']' displayed on the screen.

At this point, to run Alpha, type -/APPLE/ALPHA , but before hitting the carriage return, swap disks again, so that the unbootable disk is now in the drive. Your program should execute as intended.

If you have a two-disk system, proceed as above, but use the second disk drive to hold the unbootable disk. In this case, the primary directory name of both disks will be returned to you, together with an indication of which drive contains which disk. Make sure that the disks have different names, or else confusion will result when you try to run. You can do this by using the RENAME command under Filer. From there proceed as above. The system will scan both disks, searching for the right pathname, and the program should execute.

This column is already too long, so I'll save for next month the technique of creating a disk with a ProDOS operating system, which is bootable.

-WM Carey

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      NEW CLUB DISK PRICES
                     5 1/4        3.5
Member Prices
Disk of the Month     $3          $4
Apple License Disk    $3          $4
Library Disk          $4          $5

Non-Member
All Disks             $7          $7
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Each member will be required to show his/her membership card prior to purchase. Individuals unable to verify membership will be charged the Non-member price.

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HELP !!! THIS MAY BE THE LAST ISSUE OF THE CANDYAPPLE NO VOLUNTEERS TO HELP OR TAKE ON THE EDITORSHIP MAY MEAN WE NOW USE A POSTCARD OR A ONE PAGE STATEMENT WITH A MAP OF THE NEW MEETING PLACE !!!!!

Due to my electronic difficulties, Bill Carey's new article is in atoms somewhere. The above is a reprint. Carol De Ceggi

Meeting Place Update

Even after making repeated appeals to the Cherry Hill Township Council, we have lost the use of the community room where we have been meeting for the past 10 years.

Resolution 89-1-29 was passed amending resolution 86-3-4 which adopted rules and regulations reguarding the use of the community center, a public building. Excerpts follow:

Whereas, it is now necessary to amend the .. Rules & Regulations .. of 03/10/86 regarding use as this privilege has been abused by various groups;

NOW,..BE IT RESOLVED,...

The C. H. Community Center will be available to organizations of a non-profit or charitable nature whose base is in Cherry Hill and whose function is for the benefit of Cherry Hill residents. To qualify, the majority of the organizations membership shall be current Cherry Hill residents, and the application for use must be made to the Township Clerk with a $100 deposit for possible damages to the premises or custodial clean-up services at the rate of $25 per hour which will be deducted from the deposit. The application MUST be signed by 5 C. H. residents who will be responsible for the organization.

Kitchen facilities are available by special request: $50 to serve coffee, tea, non- alcholic beverages and pastry. $100 to serve coffee, tea non-alcoholic beverages and other foods.

All arganizations will produce with the completed application, a copy of their liability insurance policy indemnifying the Township and showing Cherry Hill Township as an additional insured for a minimum amount of $1,000,000.00.

As of this writing, we have made contact with Voorhees Township and made arrangements to hold our meetings in their community center for the next 12 months. Map and directions will be in the next mailing.

Professional Copying Service has been quick, economical, good quality and extremely nice to deal with, we thank them very much and highly recommend them to our members.
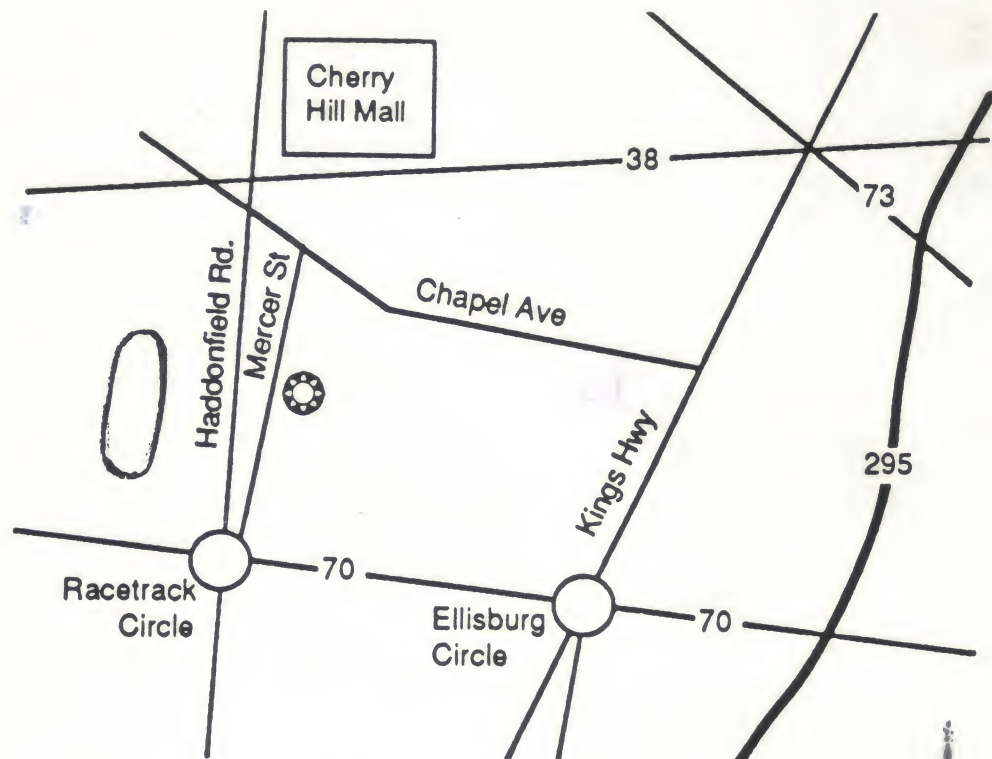
Newsletters are temporarily at an end.

May 1989

Map to Main Meeting
3rd Friday of the month at 7:30 pm
At the Municipal Building next to the police station on
Mercer Street in Cherry Hill

Candy Apple
P.O. Box 4273
Cherry Hill, NJ 08003